

Computers in Industry 41 (2000) 301-302

COMPUTERS IN INDUSTRY

www.elsevier.nl/locate/compind

Contents of volume 41

Volume 41, Nr. 1, JANUARY 2000

Editorial

1

3 M.P. Bhandarkar and R. Nagi

STEP-based feature extraction from STEP geometry for Agile Manufacturing

25 Q. Li, W.J. Zhang and S.K. Tso

Generalization of strategies for product data modeling with special reference to Instance-As-Type problem

35 M. Hanneghan, M. Merabti and G. Colquhoun

A viewpoint analysis reference model for Concurrent Engineering

51 Y. Zhang, C. Zhang and B. Wang

An Internet based STEP data exchange framework for virtual enterprises

65 K. Tang, S.-Y. Chou, L.-L. Chen and T.C. Woo

Tetrahedral mesh generation for solids based on alternating sum of volumes

83 F.L. Zhao, S.K. Tso and P.S.Y. Wu

A cooperative agent modelling approach for process planning

99 Y. Tu, X. Chu and W. Yang

Computer-aided process planning in virtual one-of-a-kind production

Volume 41, Nr. 2, MARCH 2000

Editorial

111

Papers

113 C.A. Coello Coello

Use of a self-adaptive penalty approach for engineering optimization problems

129 S. Foo, S.C. Hui, P.C. Leong and S. Liu

An integrated help desk support for customer services over the World Wide Web — a case study

147 J.-Y. Lai and W.-D. Ueng

Reconstruction of surfaces of revolution from measured points

163 Y.-S. Lee, Y. Ma and G. Jegadesh

Rolling-ball method and contour marching approach to identifying critical regions for complex surface machining

181 Z. Bao

Reconstructing boundary representations from extended bintrees

195 U. Roy and S.S. Kodkani

Collaborative product conceptualization tool using web technology

Volume 41, Nr. 3, MAY 2000

Editorial

211

Papers

213 C. Ou-Yang, T.Y. Guan and J.S. Lin

Developing a computer shop floor control model for a CIM system — using object modeling technique

239 Dr. M.A.A.P. Verwijmeren

Exploiting distributed object technology to achieve networked inventory management

251 M. Dalmeijer, D.K. Hammer and A.T.M. Aerts
Mobile software agents

Mobile software agents

261 M.P. Bhandarkar, B. Downie, M. Hardwick and R. Nagi
Migrating from IGES to STEP: one to one translation of IGES drawing to STEP drafting data

279 R.P. Monfared and R.H. Weston

A method to develop semi-generic information models of change-capable cell control systems

295 Book review

297 Author index to volume 41

299 Subject index to volume 41

301 Contents of volume 41